Abstract of the Disclosure

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A triode field emission display using carbon nanotubes having an excellent electron emission characteristic is provided. By forming extraction electrodes for controlling emitted electrons around an anode on a front substrate, the triode field emission display (FED) using carbon nanotubes has a simple structure like a diode FED, thereby facilitating manufacture using vapor deposition of carbon nanotubes and allowing control of anode current using extraction electrodes. Accordingly, a large FED can be simply manufactured.